The Logger's Bark
RADIO CLUB of TACOMA

SEPTEMBER 2020 VOLUME 17, ISSUE 9 ©Radio Club of Tacoma W7DK

It's that time of year: Elections and Committee positions

THE PRESIDENT'S CORNER



DAVE W7UUU

Hello everyone! Feel free to take off your mask to read my column – I assure you it is 100% Covid-free and I'm even wearing gloves as I type! Hey – a little levity never hurts, right?

It's that time of year once again – our November elections are fast approaching and nominations must be received no later than the October General Meeting (Saturday October 10th, 2020 1:30 PM via Zoom) will afford a final opportunity to nominate candidates. This year we have four positions up for election: President, Treasurer and two Board of Director positions. We have at least one nomination in each category so far as follows:

President: Mike Mikuchonis W7XTZ
Treasurer: Steve Dightman AF7YD
Board: Phil Pia K7PIA
Board: Bruce "Red" Cranefield WB7EC

But there's absolutely no reason others can't also toss their hats in the ring! Current members in good standing for at least one full year can nominate themselves for Treasurer or Board positions, and members with two or more years standing may nominate themselves for President. Any member can nominate any other member meeting those qualifications, but only with the consent of the person being nominated.

Simply reach out to one of the three members of the Nomination Committee to let them know you would like to run (or nominate another member). The members of that committee are Randy WB4SPB, PJ N7PH, and Verna KF7SCB. The election will be held at the November General Meeting (Saturday November 14, 2020 1:30 PM via Zoom) and the winners will be announced once the count is complete. No ballots can be received after the November meeting has been started.

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There will also be several important ad-hoc committee positions that will be vacated at the end of 2020: **Banquet Coordinator** (coordinates awards banquet, summer picnic, and any other ad-hoc social events –

should that ever be possible again), **Locations coordinator** (picking locations for the General Meeting, picnic, or other events as they arise), **2-Meter Net manager** (fields requests to be a 2m Net Control Station, and fills in "when no one else is available" as NCS themselves), **QSL manager** (handles incoming QSL cards and SASE requests), **Refreshments Coordinator** (should we ever meet in person again), and probably others I'm not thinking of.

Of course, there are a number of Standing Committees and other Ad-Hoc Committees that are currently filled. It will be the responsibility of the new incoming President to interview each of the committee-ships to determine if they will be upping for another term. The list above are only the committees that I know will not be filled until appointed by the next President.

So that's about it for this month – short and sweet!

Best regard to all – stay safe

Dave
W7UUU



W7UUU Dave's new tower is installed and working great! 65 feet of Rohn 45g from the base to the thrust bearing. At 66 feet is a Mosley TA-33MW beam, which is 3 elements on 10-15-20 with a rotatable dipole for 12 and 17. At the very top of the tower at 75 feet is a 20-foot boom, 6 element Cushcraft Yagi for 6-meters. There are two inverted-vee arms: one will support an all-band ladder-line fed vee dipole at 60 feet, the other a resonant 30 meter vee at 55 feet. Lastly, there is a digital TV antenna with rotator. The tower was first painted on the ground Hunter Green to better blend in with the trees.





Nick Winter, K7MO, did an outstanding job as Chief Engineer with everything done 100% by the book, and in fact at the request of W7UUU, the tower was over-engineered for extra safety. Tower climber / installer is Adam Blackmer, K7EDX. A big thanks to all who lent a hand, hung out to watch, or just popped in to see how things were going"

From the Editor



Hello fellow campers!

Not much going on this month at radio WG7X. Been very busy commuting between our fine state and Idaho. Many folks have asked me if I was traveling for vacation / pleasure… Have to tell them, that no; I'm going there for work! It's about 8-9 hours commute between Tacoma and Boise, Idaho, depending on how fast you drive and there's usually nice scenery to look at on the way, but not this time. The month of September 2020 will be one for the record books because of the fires and smoke.

Conditions were fine on the first part of the journey, up until Yakima. We stopped for a break at the rest stop at Selah and when we got back in the car, the air conditioning quit! That was bad enough, but on the other side of Yakima, we hit the smoke and high winds. I was looking for a car parts place that would be open on Labor day (because that was the day we traveled out), and found one near the freeway in Sunnyside.

Got out of the car, and the wind was whipping the dust sand and smoke into a blinding mess! I got out of the car and using the fine manual, attempted to troubleshoot the air conditioning problem. All the while the wind was filling my hair (what's left of it) and my face with dust. After a frustrating thirty minutes or so of trying to find fuses I finally gave up an got back in the car.

I figured that I would have another chance to look at it in Boise. So we started the car again and got ready to go. On a whim, I just thought I'd try the air conditioning again, and the stupid thing started working again!

It was a good thing too, because it was a hot day, windy and extremely windy. Between Sunnyside and the tri-cities the visibility got to the point where we could only see about 1/4 mile down the road. What a mess!

We crept slowly down the road and the weather / dust / smoke eventually cleared enough for regular highway driving speeds. We went the rest of the way into Boise not seeing much of the nice scenery in Oregon or Idaho.

Spent two weeks over there and it never really cleared up until mid-September.

Don't you folks wish that you were still working and having these kind of adventures?

Sure you do!

73 Gary WG7X

Radio Club of Tacoma

Board of Directors Meeting

September 2, 2020

ZOOM MEETING

Meeting called to order at 19:01 local by Dave-W7UUU

Officers and Directors Present

President Dave Ellison W7UUU

Vice President Mike Mikuchonis W7XTZ

Secretary Mike Drorbaugh W7MKE

Treasurer Steve Dightman AF7YD

Board Bruce Hanson WE7P

Board Paul Matney W7PFU

Board Adam Barbera W2NCC

Board Red Cranefield WB7EC

Board Phil Pia K7PIA

Quorum? A quorum was present and 15 attended. The attendance list is attached.

Silent Key or Illness?

None reported

Approval of Minutes of August 5, 2020 RCT BOD meeting

A motion was made by Bruce-WE7P and seconded by Phil- K7PIA to approve the minutes as circulated. Motion passed.

Secretary's Report (Mike-W7MKE)

Typical stuff came in bills, membership applications and magazines. We're starting to get Salmon Run donations and I've updated the SK board. Doug-AD7AV requested to check on magazine expiration dates.

Treasurer's Report (Steve-AF7YD)

Steve showed a bar graph of income each month since 2017. Thru August, 2020 spending has exceeded income by $773 mostly due to a large donation from a member. This amount does not include Salmon Run income.

Committee / Reports

Membership (George-K7GRS)

Three new members since last report, now have 285 members. A real test will be in the upcoming membership renewal. George has been sending a welcome letter to all new members giving basic info about club. For renewal

George will again send out forms so members can update information. George is considering sending renewal and ballots at one mailing.

Library (Doug-AD7AV)

Doug-AD7AV has 4 boxes of book donations to process.

George reported that non-profits need to be careful to not sale "goods or services" directly for donations. George reported that RCT History books would be given to members and members will be asked but not required to make a donation of $7.50 to the club. A website form will be made available for the books.

Doug wanted to thank George-K7GRS and Randy-WB4SPB especially for their help in assembling and printing the History of RCT booklet.

Training (Stephan-AD7AB)

Club house closed, no report received. VE Report (John-AC7WW)

Your VE Team conducted two sessions on Tuesday August 11th. A total of 21 candidates attended with 29 exams graded. Fourteen new Technicians joined the Amateur Service. Three candidates upgraded to General. One candidate passed all three elements to become an Extra and two upgraded to Extra. One candidate failed to upgrade. Thanks to the following for their service and time: Leonard, KA7NWF; Jan, N7HTU; Rich, KK7VH; Mike, W7XH; Phillip, K7PIA; Brian, AG7ZY; Whit, KG7LNZ

Next scheduled exam session will be Tuesday, September 8th 2020 at 6:00 PM. Sessions are held in the parking lot with candidates staying in their cars.

Info Tech and Website (Randy-WB4SPB)

All systems nominal except classroom system still down. Randy is doing backups every week or so. Website is working fine. There is now a YouTube channel available only from the W7DK website to see videos of 4th Wednesday programs. Please report out-of-date or errors on website so Randy can fix.

HF Operations (Phil-K7PIA)

HF stations OK, little used but looking forward to using HF station for Salmon run and there is a team assembled to work the mighty DK during Salmon run. Proper Covid protocols will be observed. Verna–KF7SCB has updated the Covid protocols for Pierce County on the bulletin board at the club. Send Dave-W7UUU your information for your Loggers Certificates.

Repeater Ops (Al-N7OMS)

No report, but no problems with repeaters noted.

Facilities Mgmt (Adam-W2NCC)

Garage alarm is reconnected, thank you Al-N7OMS and Rich-KR7W. A garage sorting and reorder project is in the works using some heavy shelving donated by club member Chris-KJ7JYT.

Randy-WB4SPB mentioned visiting the club some time ago and when he entered the smoke alarm was going off. He reset the smoke alarm by removing the power line wire and reconnecting it.

Steve-AF7YD wanted to know if drip shield for bottom of garage roll up door was planned? Adam indicated he'd move that up on priority list to get estimate and completed before long.

Property Mgmt (Red-WB7EC)

Red reported $240 sales in August but hasn't received all the money yet. If people don't pay up by September the items will go back to inventory. There's a new list in BARK. Some photos submitted to BARK did not get included last issue. Red will have a new listing for next issue.

Museum (Rich-KR7W)

Club house closed, no report received.

History Committee (WB4SPB)

No additional from library report.

Salmon Run (K7GRS)

George reported we have received pledges of $610 so far.

Weds Workshop (Randy-WB4SPB)

September program TBD.

General Meeting (Verna-KF7SCB)

Verna reported would do PowerPoint on history of Heathkit.

Unfinished Business

Doug Schafer's (AB7DG) draft letter to City of Tacoma re: 14th St. Encroachment. **A motion** by Mike-W7XTZ and seconded by Adam W2NCC to approve Doug's Letter as written and send it to the City passed.

New Business

None offered.

Activity Reports and Discussion Topics

1. What is our current process for acknowledging, and welcoming new members? George-K7GRS reported during his membership report that he does send each new member a welcome letter with information on club activities and resources.
2. Would it be a reasonable request that our Tues Net Control Stations make a special acknowledgement of new members when they check in, say for the most recent 3 month period)? George-K7GRS has a script for searching the membership data base to give a listing of members and date joined that could be used for this activity. After discussion it was decided that it would be easier to add a callout for new members to self- identify. Phil-K7PIA will update the preamble to include this.

Announcements

Saturday Dave-W7UUU is putting up antennas onto his tower Saturday and visitors are welcome.

AF7YD reported that the TAPER conference will be on September 11-12.

Adjournment at: 20:05

Respectfully Submitted, Mike Drorbaugh- W7MKE Secretary W7DK

Radio Club of Tacoma General Meeting Minutes September 12, 2020 ZOOM MEETING

Officers and Directors Present

Vice President Mike Mikuchonis W7XTZ

Secretary Mike Drorbaugh W7MKE

Treasurer Steve Dightman AF7YD

Board Adam Barbera W2NCC

Board Phil Pia K7PIA

Board Paul Matney K7PFU

Board Red Cranefield WB7EC

The meeting was called to order at: 13:30 Local by VP Mike Mikuchonis W7XTZ Officers and board members listed above were present and total attendance was 19. The attendance list is attached.

Welcome and Acknowledgement of New Members and Visitors

Mike-W7XTZ introduced himself and called for new members and/or visitors to introduce themselves.

Stephen Vitus-KJ7PMQ is a new RCT member living on Anderson IS. He was a former ham now coming back into the hobby after being absent for some time.

Health and Welfare/Silent Key & Illness

Worth Gurley is recovering from his stroke in a rehab facility and seems to be doing OK.

Larry Watson mentioned that SK CT Ballard- N7UH was, besides being a great guy, was a West Point Graduate and a Medical Doctor. COL Clark T. Ballard Jr. MD. USA (Retired) Date of Birth: August 6, 1941 Date of Death**:** May 20, 2020.

Secretary's Report (Mike-W7MKE)

Mike reported that typical stuff came in, bills, membership applications and magazines. We're starting to get Salmon Run donations and he's updated the SK board.

Treasurer's Report (Steve-AF7YD)

Steve reported as of end of August that expenses over income was around $3K. Recently at end of August a large donation came in and now expenses over income is down to about $743. Steve indicated our resources are both income and time. Steve is hoping for generous donations for Salmon Run and thanks everyone for donations of time to assist in the club needs.

Committee / Activity Reports

Membership / Salmon Run (George-K7GRS)

George reported that membership is at 285 members.

Re: Salmon run 14 participants so far and if all works out and we get a clean sweep too we'd have $3000 flat donations, $897 for the clean sweep and another $273 in pledges at this time --but many additional pledges are expected! We have collected $2687 so far.

Training (Stephen-AD7AB)

Clubhouse closed no report.

VE Report (John-AC7WW)

Your VE Team conducted two sessions on Tuesday August 11th. A total of 21 candidates attended with 29 exams graded. Fourteen new Technicians joined the Amateur Service. Three candidates upgraded to General. One candidate passed all three elements to become an Extra and two upgraded to Extra. One candidate failed to upgrade. Thanks to the following for their service and time: Leonard, KA7NWF; Jan, N7HTU; Rich, KK7VH; Mike, W7XH; Phillip, K7PIA; Brian, AG7ZY; Whit, KG7LNZ

Tuesday, September 8th your VE Team hosted eleven candidates at a drive-in session. Four new Technicians joined the Amateur Service. Two candidates upgraded to General and four upgraded to Extra. One candidate failed on his initial exam. Thanks to the following for their service and time: Leonard-KA7NWF; Jan-K7HTU; Rich-KK7VH; Mike-W7XH and Stephen-AD7AB

The next scheduled test session is Tuesday, Oct 13th, 2020

HF Operations (Phil-K7PIA)

Appears all HF stations are operating normally. Salmon Run is next weekend. Other contests are: Worked all Europe for SSB. Don't forget Loggers Certificates for those who contact 10 RCT members, send your log to Dave-W7UUU.

Al-N7OMS reported a team has been recruited for Salmon run. The Club will run the Flex with the amplifier on 20 & 40M and the ICOM downstairs on 80M so we will have good band coverage and good COVID separation. Rich-KR7W and Chuck-AC7QN will be remote as will Mike–W7XH. Times for Salmon Run are September 19 & 20th from 9:00-midnight Saturday and 9:00-16:00 Sunday.

Repeater Operations (AL-N7OMS)

All repeaters are active. Al wants to go to Bates site to check it out. Chuck-AC7QN and Rich-KR7W along with Al are working at club and have installed a new two band radio in the kitchen and a new antenna is on the north gable end. This allows us to monitor all four of the club repeaters.

IT Report (Randy-WB4SPB)

Randy reports all computers except classroom are working fine. He's installed newest Salmon run logging on upstairs Flex and downstairs ICOM computers for logging. Those logs should be checked to see their working and voice files setup on the radios. Website is up and appears to be current. Always happy to get updates about website.

Museum (Rich-KR7W)

Al-N7OMS reports that Rich-KR7W is working on the Apache transmitter. AM section wasn't working. He needs to have someone there while he's doing that as high voltages are involved. He also worked on the Apache's meter movement and is preforming a full "Heathkit" tune up on the Apache to improve the output.

Property Management (Red-WB7EC)

Red reports a new listing in the BARK and if you want something, contact him. There is a still lot of stuff at the Clubhouse that needs to be listed. August income $80 and people who haven't paid for August items they reserved will have those reserved items go back to inventory where others are waiting for them.

Facilities Management (Adam-W2NCC)

Some projects on hold. We got a nice donation of 16 feet of steel shelving for the garage and got it installed. We need to sort out stuff in the garage and decide what to keep and what to get rid of. Some open projects are a camera system for the clubhouse. The garage roll-up door needs a drain pan, and coax run for the new antenna for the kitchen dual band VHF/UHF transceiver.

4th Wed. Night Activity (Randy-WB4SPB

Randy reports program is to be determined. If he can't find a program we'll do a show and tell. Stay tuned to website for updates.

Bark Editor (WG7X)

No report this month. Gary always needs photos and reports. If you do Salmon Run, especially a remote or portable location, please send a picture and caption. You don't need to be a professional writer to contribute to the BARK.

Unfinished Business / Announcements

Doug Schafer's (AB7DG) letter re: 14th Street encroachment has been sent to City of Tacoma and receipt was acknowledged. The purpose of the letter is to prevent the City from obtaining an adverse taking of RCT property for 14th Street. Doug's letter will prevent this but allow the City to continue to have Garbage Trucks drive on the parking area of the RCT property to facilitate their turn off of 14th street onto the adjacent alley.

New Business

Report of Nominating Committee and Call for Nominations from the floor

(A) NOMINATING COMMITTEE. On or before the regular August meeting of each year, the President shall appoint a Nominating Committee consisting of a chairperson and at least two other full members who are not current officers. Members of the Nominating Committee shall have been full members of the Club for at least one year. Nominees for Board positions shall have been Club members in good standing for at least one year at the time they would take office. Nominees for Club officers shall have been Club members in good standing for at least two years at the time they would take office.

PJ- N7PH reported for the nominating committee: Phil-K7PIA and Red–WB7EC will stand for the director positions they currently hold. Steve-AF7YD will stand for Treasurer again. Mike-W7XTZ will stand for President.

Three calls for nominations from the floor for any open positions were made, with none heard, nominations were closed for September. Nominations will open again at the October General Meeting.

Program

Verna Lily (KF7SCB) History of Heath Kit

This is a sentimental journey rather than strictly a technical lesson. Ed Heath was an engineer and pilot and died in a

plane crash. The first Heathkit was for an airplane. His company was purchased by "Mr. Heathkit" as he was called, Howard E. Anthony who purchased the Heathkit company in 1935 and used a lot of WWII equipment to build his business.

The first transmitter was the AT-1 (RCT has one in the Museum) first sold about 1949 or 1950.

Steve-AF7YD reported that he used the combo of 6AG7oscillator and 6L6 tube for his first transmitter as did Phil-KC7PS. Outputs were between 10 – 30 watts and Phil contacted Australia on 40M with his.

Several members present shared their Heathkit experiences including: Ralph Spaulding-NU7G who showed and told about his Heathkit SB221 Amplifier.

What happened to Heathkit? Technology advanced to beyond what people could do at home. They still have a website and some products.

Show and Tell

Ralph–NU7G asked about Dave–W7UUU's 10M beacon. There's a 10M net Sunday Nights at 20:00 on 28.375 Mhz. See W7DK.org for various net information.

PH Hicks-N7PH talked about the barometer he's building. He needs some wiring harness and some computer programing to complete his project. He showed a nice Cherry case he built for it.

Mike-W7XTZ showed his flex weave wire and 2.5:1 balun for his 80M loop antenna. He's thinking about 25 – 35' loop elevation and sides are up to 300'.

Tuning and Traffic

PJ- N7PH noted that FT8 opens after midnight local into Europe.

Announcements

The next general meeting is on October 10th at 13:30 local.

Adjournment at 15:01 Local

Respectfully Submitted,

Mike Drorbaugh – W7MKE

RCT Secretary

Attachments: Attendance list

Meeting Recording:

https://us02web.zoom.us/rec/share/8uHrVi8i22UQatSs-ih8CdjFmQDNEkWrAmt36emvumBeYNscgOVzLKo63fugSFg-.-UlJ5A23jwsxTAqx

Access Passcode: 8=SY8Wkq

RCT SALE

VIRUS SALE 2020

Items in red are new untested equipment

I TEMS 18-219 – left from M & K

Contact RED WB7EC at E-MAIL(bruce-ec@hotmail.com) to reserve/make offer on

A item after VIRUS clears up

			PRICE
18. Yaesu HF PWR AMP FT-2100B			$300.00
25. Kenwood XTAL Filter YG-455C-1			$50.00
41. Suitcase with Tektronix scope camera			$50.00
84. Comet Triplexer CFX-514			$40.00
114. Astron Power Supply RS-12A			$25.00
119. Elecraft HF XCVR K1 TWO bands	15/40 /AT		$300.00
125. Kenwood TR-9000 2MTR XCVR			$100.00
131. ICOM HF XCVR IC- 706		SN: 8973	UNDER REPAIR
138. Kenwood HF RX R-599D		SN: 530265	UNDER REPAIR
147. DX Engineering Remote Coax Control Switch CC-8			$400.00
148. DX Engineering Coax Switch RR8-HP			P/O #147
149. Kenwood HF XCVR TS-930S SN: 2120327			$600.00
150. Kenwood Speaker SP 930			P/O #149
151. Kenwood MIC MC-60			P/O #149
152. Kenwood Power Supply PS-30			P/O #149
156. MFJ Active Antenna MFJ-1020C			$60.00
157. MFJ Dual Speech Enhancer MFJ-618			$150.00
166. Mirage VHF 6 MTR AMP a-1015G			$ 250.00
167. Vectronics Antenna Tuner mod HFT 1500			$ 300.00
170. Alinco VHF/UHF XCVR DR-60ST			$ 150.00
174. CDE Rotor Control H-IV/CD-45-II			$ 50.00
180. Rig Blaster plug & play Digital mode interface			$. 30.00
181. Emerson speaker			$. 5.00
182. Archer rotor control PN: 15-1220			$. 5.00

183. Wilson WR50U rotor control	$ 7.00
184. ICOM IC-H19s2 VHF hand held/ BM-70 charger	$ 7.00
185. two Amateur TV stations in portable boxes	$ 500.00 for both/300.00 each
186A. Sony DCR-HC 42 camera case	$ 50.00
186B. Sony DCR-HC 42 camera case	$ 50.00 186A/B $ 75.00
189. Motorola MFR M12 L box	$ 5.00
190. Motorola MSRS 12 Regulator box	$ 5.00
191. F2A85-V motherboard	$ 3.00
192A HRO Receiver Dial Drives	$ 20.00
192B HRO Receiver Dial Drives	$ 20.00
192C HRO Receiver Dial Drives	$ 20.00
193. Heathkit Sine Wave Audio Generator IG-5218	$ 30.00
194. Zenith old Radio not complete	$ 20.00
195. Zenith old radio complete	$ 30.00
198. Philco old radio	$ 10.00
200. Home made test set	$ 10.00
201. Patrolman Pro 2 receiver	$ 5.00
202. Aldenmarine Fax IV	$ 30.00
205. COMP USA 250 watt ATX power supply	$ 10.00
206. COMP USA 250 watt ATX power supply	$ 10.00
212. Lafayette Speaker model 99-2571	$ 30.00
215. Blue box with 4 headsets	$ 20.00
219. Russia Tubes 6N21C—10 tubes in box	$ 30.00
223. Kenwood 2/220 mobile XCVR TM-621A,no mic/pwr cable	$ 50.00
224. Alinco 2mtr FM mobile XCVR DR110,no mi/pwr cab	$ 35.00
225. Alinco 2/440 mobile XCVR DR-590T,no mic/pwr cable	$ 50.00
226. B & W Antenna Tuner VS300A	$ 90.00
227. Elecraft HF XCVR KX3 # 10797,NEW in BOX/extra parts	$ 900.00
228. Kenwood 3 Band VHF XCVR TH-F6A/extra's	$ 200.00
229. MFJ Artificial GND MFJ-931	$ 90.00
230 MFJ Noise Cancelling Signal Enhancer MFJ-1026	$ 150.00
231. MFJ Dual Channel Speech Enhancer MFJ-618	$ 180.00
232. Murch Transmatch/Antenna Tuner UT-2000A 3.5-30MHZ	$ 100.00

233. MFJ Antenna Tuner/Preamp MFJ-959B	$ 30.00 Sale Pending (Reserved)
234. MFJ RF Preselector II MFJ-1040	$ 40.00
235. MFJ Active Antenna MFJ-1020A	$ 40.00
236. Heathkit Antenna Noise Bridge HD-1422A	$ 20.00
237. Heathkit Speaker SB-600	$ 100.00
238. MFJ Morse Key Board Keyer MFJ-452/HP Keyboard	$ 100.00
239. Drake HF Receiver R-4C (early model)	$ PENDING
240. Drake HF Transmitter T-4X	$ PENDING
241. Drake Speaker/PS MS-4	$ PENDING
242. ICOM VHF XCVR IC-211/no mic	$ 200.00
243. Alinco VHF Handheld XCVR DJ-196T	$ 45.00
244. Vertex VHF Handheld XCVR VX-150	$ 45.00

AS OF 15 AUGUST 2020





AMERICAN RADIO RELAY LEAGUE

RADIOGRAM

CITY OF ORIGIN	STATION	NUMBER
Tacoma, WA	W7OS	999T

One Page Museum Report September 2020 by Cub Reporter



As mentioned in pre-virus shutdown reports– the Heathkit TX-1 Apache, W7OS's 110 pound boat anchor CW-AM transmitter, did not show any AM modulation on the front panel MOD meter when speaking into the microphone. Three Museum committee members started from scratch to identify the problem by following the Heathkit instruction manual tune up instructions– which involved turning the 4 internal adjustment controls counter clockwise– which is seems contrary for hams who want to make QSOs. We RTFM, most of the time.

So happens that there are errors in the manual which caused confusion. One example: "Operate the PLATE switch to ON", but the switch is labeled TRANSMIT. There are +350 and +900 volt supplies in this radio transmitter– so extra precaution was taken on our part to keep from destroying parts (known as letting the smoke out) or getting electrocuted. Proceeding after being sure what is supposed to be done- a road block was encountered. After testing and re-testing it was determined that the front panel meter did not work at low readings– from 0 to 30% of the meter needles travel. The meter was removed, taken apart, electrical connections cleaned with *Tech In A Can* spray contact cleaner, all small parts accounted for, then reassembled. The meter now works well- 0 to 100% deflection, but the tune up instructions still did not meet specs.

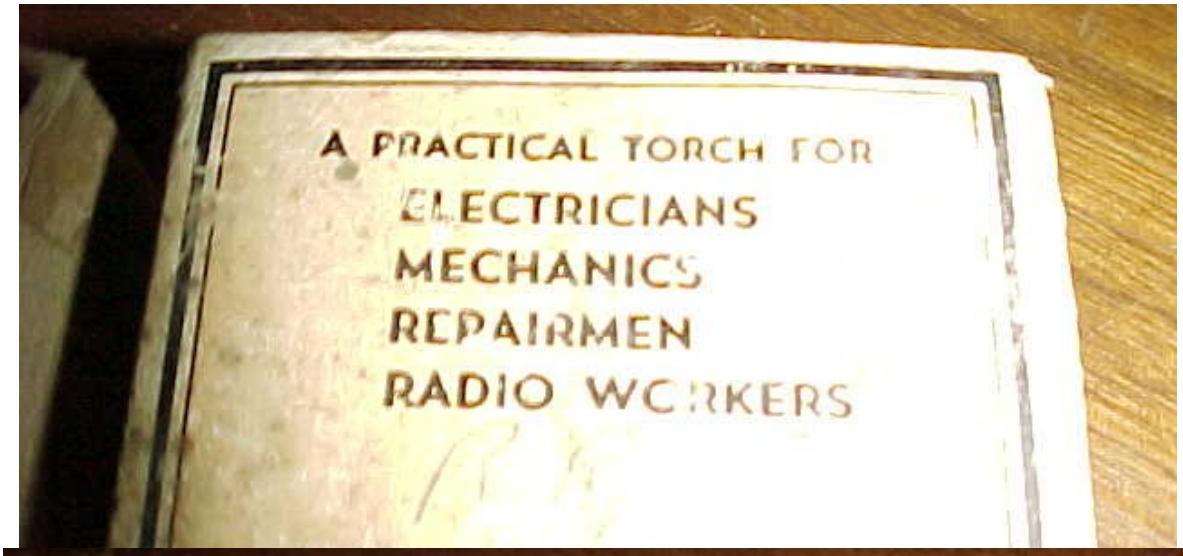


Google can be a friend. A member of the www.amphone.net boat anchor web group revealed that pins 5 and 8 of the accessory socket must be shorted before beginning testing. Yes, it was mentioned in the book, but hidden two pages before the test and tune up procedure page. A piece of solder is recommended to poke in the socket to short the pins.

Inserting the solder test jumper and following the tune-up steps– the correct meter readings were achieved. Now the adjustment controls are set almost to clockwise without smoke. 120 watts of AM modulated RF was measured on the wattmeter and 110 watts on CW. The photo shows KR7W annunciating "RA-DEEEEE-OOOOO" into the microphone and the 150 light bulb illuminating fully. And...Bob's Your Uncle. There's still a few adjustments to make before we attempt to attempt QSOs with the Apache. Listen for us and other AMers on 3.885 or 7.295 *MCs* or *MHz* depending which radio you use. -30- 73, KR7W

Mail bag!

Bob W7MKE reports: **This is what radio workers used a hundred years ago. Alcohol powered.**





The Club LINEUP

Club Officers

President: Dave Ellison, W7UUU - w7uuu©w7dk.org

Vice Pres: Mike Mikuchonis, W7XTZ - w7xtz©w7dk.org

Secretary: Mike Drorbaugh W7MKE - w7mke@w7dk.org

Treasurer: Steve Dightman, AF7YD - af7yd©w7dk.org

5 Board Members

Bruce Hanson, WE7P - we7p©w7dk.org

Paul Matney, W7PFU - w7pfu©w7dk.org

Adam Barbera, W2NCC - w2ncc©w7dk.org

Red Cranefield, WB7EC - wb7ec©w7dk.org

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The Fine Print: The Logger's Bark is published once a month for the membership of The Radio Club of Tacoma or interested ham radio enthusiasts. The Bark is delivered by PDF file on the club's website: www.w7dk.org.

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www.w7dk.org [LINK] - For the latest and most current information on events and activities, visit the Radio Club of Tacoma Website.

Radio Club Repeaters

Central Tacoma: 147.280 + PL=103.5

Crawford Mountain 147.380 + PL=103.5 (E of Olympia © 1500 ft ASL)

Central Tacoma: 440.625 + PL=103.5

North Tacoma: 145.21 – PL=141.3